

Kamsons Chemicals Technical Data

KAMTHANE K-2833

KAMTHANE K- 2833 is a unique aromatic hybrid polyurethane dispersion having outstanding abrasion and chemical resistance for various Industry.

Typical properties

Type	anionic urethane hybrid, dispersion
Appearance	white yellowish, translucent.
Total solids (% w/w)	33%± 1
pH (25 °C)	8.0 -8.8
Viscosity	60 -180 cps
Volatile	6.9 % NMP
Density of dispersion (kg/l)	1.05
Elongation at break	200%
Konig hardness	160
Freeze/thaw stability	stable

Film properties

Hard, Tough and Glossy with a good degree of flexibility.
Outstanding water resistant.
Excellent alcohol and saponification resistant.
Low level of thermoplasticity.
Outstanding abrasion and chemical resistant.

Recommendation for end-use

Multi-surface coatings
Industrial wood lacquers.
Parquet lacquers.
Floor coatings.
Plastic coatings.

General guidelines

The addition of wetting and/ or levelling agents and defoamers is required.
Kamthane K-2833 should be formulated with suitable coalescents, thickeners and matting agents. Excellent properties without use of any external crosslinkers.
Kamthane K-2833 can be combined with limited amounts of specific acrylics.

THESE SUGGESTIONS & DATA ARE BASED ON INFORMATION WE BELIEVE TO BE RELIABLE. THEY ARE OFFERED IN GOOD FAITH, BUT WITHOUT GUARANTEE, AS CONDITIONS AND METHODS OF USE OF OUR PRODUCTS ARE BEYOND OUR CONTROL.
